

RE-ORDERING REQUESTS FOR SHARED RESOURCES

Abstract of the Disclosure

In accordance with one embodiment, a method re-orders requests for shared resources. The method includes receiving requests for accessing the shared resources from one or more requestors, wherein a plurality of requests may be received from each requestor; arbitrating between the plurality of requests in such a way so that the plurality of requests from each requestor may be re-ordered in non-FIFO order; and selecting a next request to access the shared resources based on the re-ordering of requests. In accordance with another embodiment, a system re-orders requests for shared resources. The system includes one or more requestors for sending requests for accessing the shared resources, wherein a plurality of requests may be received from each requestor; and an arbiter for arbitrating between the plurality of requests in such a way so that the plurality of requests from each requestor may be re-ordered in non-FIFO order.